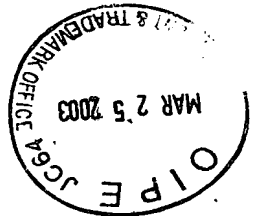


APPROVED BY CHAFTSMAN	O.G. FIG.
CLASS	SUBCLASS

TTG AGA GCG CTC GTC TTT CAC GGC AAC CTC CAG TAT GCC GAA ATC CCA 48
 Ile Arg Ala Leu Val 5 Phe His Gly Asn Leu Gln Tyr Ala Glu Ile Pro 15
 AAG AGC GAA ATC CCA AAG GTC ATA GAG AAC GCA TAC ATC CCA GTC ATC 96
 Lys Ser Glu Ile Pro Lys Val Ile Glu Lys Ala Tyr Ile Pro Val Ile 30
 GAG ACA CTG ATT AAA GAA GAA ATT CCT TTT GGG CTC AAC ATA ACG GGC 144
 Glu Thr Leu Ile Lys Glu Glu Ile Pro Phe Gly Leu Asn Ile Thr Gly 45
 TAT ACC TTA AAG TTC CTC CCG AAG GAT ATT ATA GAC CTC GTT AAA GGG 192
 Tyr Thr Leu Lys Phe Leu Pro Lys Asp Ile Ile Asp Leu Val Lys Gly 60
 GGC ATC GCG AGT GAC CTG ATA GAG ATA ATC GGA ACG AGC TAC ACG CAC 240
 Gly Ile Ala Ser Asp 70 Leu Ile Glu Ile Ile Gly Thr Ser Tyr Thr His 80
 GCA ATA CTC CCC CTC CTG CCG CTT AGC AGA GAA GCA CAA GTT CAG 288
 Ala Ile Leu Pro Leu Leu Pro Leu Ser Arg Val Glu Ala Gln Val Gln 95
 AGA GAT AGG GAA GTT AAG GAA GAG CTC TTC GAG GTT TCT CCA AAG GGA 336
 Arg Asp Arg Glu Val Lys Glu Glu Leu Phe Glu Val Ser Pro Lys Gly 110
 TTC TGG CTG CCA GAG CTC GCC TAT GAC CCG ATA ATC CCT GCC ATA CTG 384
 Phe Trp Leu Pro Glu Leu Ala Tyr Asp Pro Ile Ile Pro Ala Ile Leu 125
 115 120

FIG. 1A





APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

432
AAG GAC AAC GGT TAT GAG TAT CTA TTC GCC GAC GGG GAG GCG ATG CTT
Lys Asp Asn Gly Tyr Glu Tyr Leu Phe Ala Asp 140
130
TTC TCA GCT CAT CTC AAC TCG GCG ATA AAG CCA ATT AAA CCG CTC TAT
Phe Ser Ala His Leu 150
145
CCA CAC CTT ATA AAG GCC CAA AGG GAA AAG CGC TTT AGG TAC ATC AGC
Pro His Leu Ile Lys Ala 165
170
TAT CTC CTT GGT CTC AGG GAG CTT AGG AAG GCG ATA AAG CTC GTT TTT
Tyr Leu Leu Gly Leu Arg Glu Leu 185
180
GAA GGT AAG GTA ACG CTA AAG GCA GTC AAA GAC ATC GAA GCC GTA CCC
Glu Gly Lys Val Thr Leu Lys 200
195
GTT TGG GTG GCC GTG AAC ACG GCT GTA ATG CTC GGC ATC GGA AGG CTT
Val Trp Val Ala Val Asn Thr Ala Val Met Leu Gly Ile Gly Arg Leu
210
CCT CTT ATG AAT CCT AAG AAA GTG GCG AGC TGG ATA GAG GAC AAG GAC
Pro Leu Met Asn Pro Lys Lys Val Ala Ser Trp Ile Glu Asp Lys 240
225
AAC ATT CTT CTA TAC GGC ACC GAT ATA GAG TTC ATT GGC TAT AGG GAC
Asn Ile Leu Leu Tyr Gly Thr Asp Ile Glu Phe Ile Gly Tyr Arg Asp 255
245
768

480
528
576
624
672
720

FIG. 1B



O.G. FIG.		
APPROVED BY	CLASS	SUBCLASS
DRAFTSMAN		

ATT GCA GGC TAC AGA ATG AGT GTT GAG GGA TTA TTA GAG GTT ATA GAC	816
Ile Ala Gly 260 Tyr Arg Met Ser Val Glu Gly 265	
GAG CTC AAC TCG GAA CTG TGC CTT CCC TCA GAG CTG AAG CAC AGT GGA	864
Glu Leu Asn 275 Ser Glu Leu Cys 280 Leu Pro Ser Glu Leu Lys His Ser Gly	
AGG GAG CTC TAC TTA CGG ACT TCG AGT TGG GCA CCA GAT AAG AGC TTG	912
Arg Glu Leu 290 Tyr Arg 295 Thr Ser Ser Trp Ala Pro Asp Lys Ser Leu	
AGG ATA TGG AGA GAG GAC GAA GGG AAC GCA AGA CTT AAT ATG CTG TCC	960
Arg Ile Trp Arg Glu Asp 310 Gly Asn Ala Arg 315 Leu Asn Met Leu Ser	
305 TAC AAT ATG AGG GGC GAA CTC GCC TTT TTA GCC GAG AAC AGC GAT GCA	1008
Tyr Asn Met Arg 325 Gly Glu Leu Ala Phe 330 Leu Ala Glu Asn Ser Asp Ala	
AGG GGA TGG GAG CCC CTC CCT GAG AGG AGG CTG GAT GCC TTC CGG GCG	1056
Arg Gly Trp Glu 340 Pro Leu Pro Glu Arg Arg 345 GAA CCT TAG	
ATA TAT AAC GAT TGG AGG GGT GAA AAT GGG GAA CCT TAG	1095
Ile Tyr Asn Asp Trp Arg Gly Glu Asn Gly Glu Pro END	
355 360 365	

FIG. 1C



FIG. 1

TTG AGA GCG CTC GTC TTT CAC GGC AAC CTC CAG TAT GCC GAA ATC CCA	48
Leu Arg Ala Leu Val ⁵ Phe His Gly Asn Leu ¹⁰ Gln Tyr Ala Glu Ile ¹⁵ Pro	
AAG AGC GAA ATC CCA AAG GTC ATA GAG AAG GCA TAC ATC CCA GTC ATC	96
Lys Ser Glu Ile ²⁰ Pro Lys Val Ile Glu Lys Ala Tyr Ile ³⁰ Pro Val Ile	
GAG ACA CTG ATT AAA GAA GAA ATT CCT TTT GGG CTC AAC ATA ACG GGC	144
Glu Thr Leu ³⁵ Ile Lys Glu Glu Ile ⁴⁰ Pro Phe Gly Leu Asn ⁴⁵ Ile Thr Gly	
TAT ACC TTA AAG TTC CTC CCG AAG GAT ATT ATA GAC CTC GTT AAA GGG	192
Tyr Thr Leu Lys Phe Leu ⁵⁰ Leu Pro ⁵⁵ Lys Asp ⁶⁰ Ile Ile Asp Leu Val Lys Gly	
GGC ATC GCG AGT GAC CTG ATA GAG ATA ATC GGA ACG AGC TAC ACG CAC	240
Gly Ile Ala Ser Asp ⁷⁰ Leu Ile Glu Ile ⁷⁵ Gly Thr Ser Tyr Thr His ⁸⁰	
GCA ATA CTC CCC CTC Leu ⁸⁵ Leu Pro ⁹⁰ Leu Ser Arg ⁹⁵ GAA GCA CAA GTT CAG	288
Ala Ile Leu Pro ¹⁰⁰ Leu Lys Glu Glu ¹⁰⁵ Leu Phe ¹¹⁰ TCT CCA AAG GGA	336
AGA GAT AGG GAA GTT AAG GAA GAG CTC CTC GAG GAG Glu Val Ser	
Arg Asp Arg Glu Val ¹¹⁵ Lys Glu Glu ¹²⁰ Leu Phe ¹²⁵ TCT CCA AAG GGA	384
TTC TGG CTG CCA GAG CTC GCC TAT GAC CCG ATA ATC CCT GCC ATA CTG	
Phe Trp Leu ¹³⁰ Pro Glu Leu Ala Tyr Asp Pro Ile Ile ¹³⁵ Pro Ala Ile Leu	



FIG. 1A

AAG GAC AAC GGT TAT GAG TAT CTA TTC GCC GAC GGG GAG GCG ATG CTT	432
Lys Asp Asn Gly Tyr Leu Tyr Leu Phe Ala Asp GGG Gly Glu Ala Met Leu	
130	
TTC TCA GCT CAT CTC AAC TCG GCG ATA AAG CCA ATT AAA CCG CTC TAT	480
Phe Ser Ala His Leu Asn Ser Ala Ile Lys Pro Ile Lys Pro Leu Tyr	
145	
CCA CAC CTT ATA AAG GCC CAA AGG GAA AAG CGC TTT AGG TAC ATC AGC	528
Pro His 3Leu Ile Lys Ala Gln Arg Glu Lys Arg Phe Arg Tyr Ile Ser	
165	
TAT CTC CTT GGT CTC AGG GAG CTT AGG AAG GCG ATA AAG CTC GTT TTT	576
Tyr Leu Leu Gly Leu Arg Glu Leu Arg Lys Ala Ile Lys Leu Val Phe	
180	
GAA GGT AAG GTA ACG CTA AAG GCA GTC AAA GAC ATC GAA GCC GTA CCC	624
Glu Gly Lys Val Thr Leu Lys Ala Val Lys Asp Ile Glu Ala Val Pro	
195	
GTT TGG GTG GCC GTG AAC ACG GCT GTA ATG CTC GGC ATC GGA AGG CTT	672
Val Trp Trp Val Ala Val Asn Thr Ala Val Met Leu Leu Gly Ile Arg Leu	
210	
CCT CTT ATG AAT CCT AAG AAC GTG GCG AGC TGG ATA GAG GAC AAG GAC	720
Pro Leu Met Asn Pro Lys Lys AAA Lys Val Ala Ser Trp Ile Glu Asp Lys Asp	
225	
AAC ATT CTT CTA TAC TAC GGC ACC GAT ATA GAG TTC ATT GGC TAT AGG GAC	768
Asn Ile Leu Leu Tyr Tyr Gly Asp Ile Glu Phe Ile Ile Gly Tyr Arg Asp	
245	



FIG. 18C

ATT GCA GGC TAC AGA ATG AGT GTT GAG GGA TTA TTA GAG GTT ATA GAC	816
Ile Ala Gly Tyr Arg Met Ser Val Glu Gly	260 265
GAG CTC AAC TCG GAA CTG TGC CTT CCC TCA GAG CTG AAG CAC ^{GT} ATG GGA	864
Glu Leu Asn Ser Glu Leu Cys Leu Val	275 280
AGG GAG CTC TAC TTA CGG ACT TCG AGT TGG GCA CCA GAT AAG AGC TTG	912
Arg Glu Leu Tyr Trp Arg Thr Ser Ser Trp Ala Pro Asp Lys Ser Leu	290 295 300
AGG ATA TGG AGA GAG GAC GAA GGG AAC GCA AGA CTT AAT ATG CTG TCC	960
Arg Ile Trp Arg Glu Asp Glu Gly Ala Asn Ala Arg	305 310 315
TAC AAT ATG AGG GGC GAA CTC GGC CTT TTA GCC GAG AAC AGC GAT GCA	1008
Tyr Asn Met Arg Arg Gly Glu Leu Ala Phe	325 330
AGG GGA TGG GAG CCC CTC CCT GAG AGG AGG CTG GAT GCC TTC CGG GCG	1047
Arg Gly Trp Glu Pro Leu Pro Glu Arg Arg Leu Asp Ala Phe Arg Ala	340 345 350
ATA TAT AAC GAT TGG AGG GGT GAA AAT GGG GAA CCT TAG	1086
Ile Tyr Asn Asp Trp Arg Gly Glu Asn Gly Glu Pro	355 360 365